



STANDARD DEE

LONG DEE

WIDE DEE

TWISTED

BOW

Ronstan shackles are strong, reliable and economical. Several basic types are available in a range of sizes for all applications.

* (UDL) BL refers to the breaking load for a shackle under a Uniformly Distributed

Load, i.e. when the load is applied across the full span of the shackle pin.

• (PL) BL refers to the breaking load when the load is applied at the centre, or one side of the shackle pin.

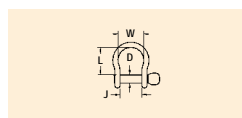
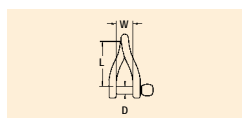
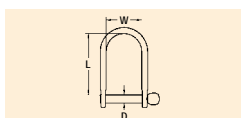
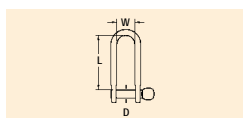
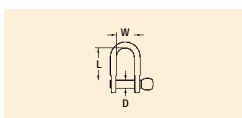
** Shackle pins drilled for seizing wire.

*** RF1035 features 20.7mm (13/16") A/F hexagonal pin head.

**** RF613 has a slotted head pin.

MATERIALS

▶ Grade 316 Stainless Steel bodies and pins



PRODUCT No.	D mm (in.)	L mm (in.)	W mm (in.)	J mm (in.)	* (U.D.L) BL kg (lb)	*(PL) BL kg (lb)	WEIGHT g (oz)	SHACKLE PIN No.
Standard Dee								
RF1851	3.0 (1/8)	12 (15/32)	9 (3/8)	-	550 (1210)	280 (616)	2 (0.1)	-
RF1806	4.0 (5/32)	15 (19/32)	10 (13/32)	-	800 (1760)	600 (1320)	5 (0.2)	-
RF616	4.8 (3/16)	18 (23/32)	11 (7/16)	-	1400 (3080)	800 (1760)	15 (0.5)	RF33
RF617	6.4 (1/4)	22 (7/8)	14 (9/16)	-	2300 (5600)	1400 (3080)	25 (0.9)	RF33
RF618	7.9 (5/16)	29 (1 1/8)	17 (21/32)	-	3600 (7920)	2700 (5940)	50 (1.8)	RF34
RF619**	9.5 (3/8)	40 (1 9/16)	18 (23/32)	-	5400 (11880)	3600 (7920)	80 (2.8)	RF35
RF620**	12.7 (1/2)	41 (1 5/8)	19 (3/4)	-	7700 (16940)	7500 (16500)	130 (4.6)	RF36
RF1035***	15.9 (5/8)	45 (1 3/4)	26 (1 1/32)	-	14000 (30800)	11000 (24200)	280 (9.9)	-
Long Dee								
RF621	4.0 (5/32)	26 (1 1/32)	10 (13/32)	-	800 (1760)	600 (1320)	10 (0.4)	-
RF622	4.8 (3/16)	31 (1 1/4)	12 (15/32)	-	1400 (3080)	800 (1760)	15 (0.5)	RF32
RF623	6.4 (1/4)	43 (1 11/16)	14 (9/16)	-	2300 (5060)	1400 (3080)	30 (1.1)	RF33
RF624	7.9 (5/16)	54 (2 1/8)	17 (21/32)	-	3600 (7920)	2700 (5940)	60 (2.1)	RF34
RF625**	9.5 (3/8)	59 (2 5/16)	18 (23/32)	-	5800 (12760)	4500 (9900)	90 (3.2)	RF35
RF626**	12.7 (1/2)	70 (2 3/4)	19 (3/4)	-	7700 (16940)	7500 (16500)	155 (5.5)	RF36
Wide Dee								
RF1850S	3.2 (1/8)	12 (15/32)	9 (3/8)	-	550 (1210)	280 (620)	2 (0.1)	-
RF1852	4.8 (3/16)	28 (1 1/8)	21 (13/16)	-	1400 (3080)	700 (1540)	15 (0.5)	-
RF1853	6.4 (1/4)	39 (1 9/16)	30 (1 3/16)	-	2300 (5060)	1100 (2420)	26 (0.9)	-
RF639	7.9 (5/16)	51 (2)	28 (1 1/8)	-	3600 (7920)	2300 (5060)	70 (2.5)	-
RF640	9.5 (3/8)	55 (2 3/16)	29 (1 1/8)	-	5800 (12760)	4000 (8800)	95 (3.4)	-
RF641**	12.7 (1/2)	66 (2 5/8)	31 (1 1/4)	-	7700 (16940)	5500 (12100)	170 (6.0)	-
Twisted								
RF627	4.0 (5/32)	22 (7/8)	10 (13/32)	-	800 (1760)	600 (1320)	5 (0.2)	-
RF628	4.8 (3/16)	27 (1 1/16)	10 (13/32)	-	1400 (3080)	800 (1760)	15 (0.5)	RF32
RF629	6.4 (1/4)	39 (1 9/16)	14 (9/16)	-	2300 (5060)	1400 (3080)	30 (1.1)	RF33
RF630	7.9 (5/16)	48 (1 7/8)	16 (5/8)	-	3600 (7920)	2700 (5940)	65 (2.3)	RF34
RF631**	9.5 (3/8)	53 (2 1/16)	16 (5/8)	-	5800 (12760)	4500 (9900)	90 (3.2)	RF35
RF632**	12.7 (1/2)	64 (2 1/2)	19 (3/4)	-	7700 (16940)	7500 (16500)	165 (5.8)	RF36
Bow								
RF613S****	3.0 (1/8)	13 (1/2)	9 (11/32)	6.4 (1/4)	550 (1210)	280 (620)	2.5 (0.1)	-
RF633	4.0 (5/32)	14 (9/16)	13 (1/2)	10 (3/8)	800 (1760)	600 (1320)	5 (0.2)	-
RF634	4.8 (3/16)	17 (21/32)	14 (17/32)	11 (7/16)	1400 (3080)	800 (1760)	10 (0.4)	RF32
RF635	6.4 (1/4)	21 (13/16)	19 (3/4)	16 (5/8)	2300 (5060)	1400 (3080)	20 (0.7)	RF33
RF636	7.9 (5/16)	27 (1 1/16)	22 (27/32)	16 (5/8)	3600 (7920)	2700 (5940)	45 (1.6)	-
RF638**	7.9 (5/16)	27 (1 1/16)	22 (27/32)	16 (5/8)	3600 (7920)	2700 (5940)	45 (1.6)	-
RF637**	9.5 (3/8)	51 (2)	36 (1 7/16)	20 (13/16)	5800 (12760)	4500 (9900)	90 (3.2)	RF35



Special types of shackles are particularly suited to certain applications.

Halyard shackles have a lever action for easy opening and closing, with a keyed pin for positive locking and to prevent accidental loss. The pin across the top keeps the shackle captive in the rope or wire loop of the halyard.

The cast alloy RF6600 halyard shackle is a strong, lightweight solution for mainsails with headboards. The large diameter pin spreads the load on the holes in the headboard plates. The double thread allows the pin to be threaded back, clear of the opening while preventing accidental loss of the pin.

Shackle keys are an essential tool, especially for rigging small boats. The RF1321 tip suits slotted head shackle pins. A notch in the body and a slot in the blade are used for coined (flat) head pins. It's also a handy bottle opener.

The RF1320 suits flat and coined shackle pins and has sockets in the handle to fit common sizes of hexagonal nuts.

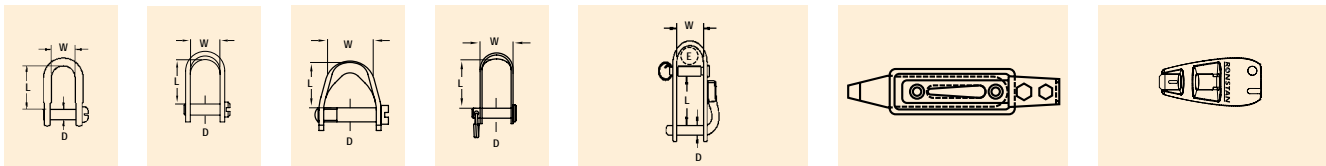
* (UDL) BL refers to the breaking load for a shackle under a Uniformly Distributed Load, i.e. when the load is applied across the full span of the shackle pin.

* (PL) BL refers to the breaking load when the load is applied at the centre, or one side of the shackle pin.

MATERIALS

- ▶ Grade 316 Stainless Steel bodies and pins
- ▶ Cast Aluminium alloy body RF6600

REPLACEMENT SHACKLE PINS Product No.	HEAD TYPE	PIN DIAM. 'D'	
		mm	(in.)
RF31	Slotted	4	(5/32)
RF32	Coined	4.8	(3/16)
RF33	Coined	6.4	(1/4)
RF34	Coined	7.9	(5/16)
RF35	Coined & Drilled	9.5	(3/8)
RF36	Coined & Drilled	12.7	(1/2)



PRODUCT No.	D mm (in.)	L mm (in.)	W mm (in.)	J mm (in.)	* (U.D.L) BL kg (lb)	* (PL) BL kg (lb)	WEIGHT g (oz)	SHACKLE PIN No.	
Standard Slotted Pin									
RF615	4.0 (5/32)	15 (19/32)	10 (13/32)	-	800 (1760)	600 (1320)	5 (0.2)	RF31	
RF615A	4.0 (5/32)	13 (1/2)	8 (5/16)	-	1000 (2200)	800 (1760)	7 (0.2)	-	
RF150	4.8 (3/16)	18 (23/32)	10 (13/32)	-	1400 (3080)	800 (1760)	10 (0.4)	-	
RF151	6.4 (1/4)	22 (7/8)	14 (9/16)	-	2300 (5060)	1400 (3080)	20 (0.7)	-	
RF152	7.9 (5/16)	29 (1 1/8)	17 (21/32)	-	3600 (7920)	2700 (5940)	45 (1.6)	-	
Narrow, Slotted Pin									
RF614	4.8 (3/16)	19 (3/4)	8 (5/16)	4.8 (3/16)	1400 (3080)	1400 (3080)	5 (0.2)	-	
Lightweight									
RF707S	4.8 (3/16)	17 (21/32)	13 (1/2)	-	1200 (2640)	-	10 (0.4)	-	
Formed Becket									
RF806S	4.8 (3/16)	11.5 (7/16)	16 (5/8)	-	1100 (2420)	-	10 (0.4)	-	
RF807	4.8 (3/16)	20 (25/32)	14 (9/16)	-	700 (1540)	-	10 (0.4)	-	
Halyard Shackle									
E									
RF1032	4.8 (3/16)	22 (7/8)	15 (19/32)	10.5 (13/32)	1200 (2640)	900 (1980)	30 (1.0)	-	
RF1033	6.4 (1/4)	32 (1 1/4)	19 (3/4)	13 (1/2)	2100 (4620)	1500 (3300)	55 (1.9)	-	
RF1034	7.9 (5/16)	39 (1 9/16)	20 (25/32)	18.5 (23/32)	2700 (5940)	2200 (4840)	90 (3.2)	-	
RF6600	12.7 (1/2)	26 (1 1/32)	21 (27/32)	15.9 (5/8)	2000 (4410)	-	85 (3.0)	-	
PRODUCT No.	DESCRIPTION							WEIGHT g (oz)	
Shackle Keys									
RF1320BLU	Heavy duty shackle key, multi-purpose tool. Suits coined head shackle pins. Features sockets for 1/16" and 1/4" plain and nylock nuts. Screwdriver, ideal for tightening small drain plugs. Blue plastic grip							90	(3.2)
RF1320R	As per RF1320BLU, but RED plastic grip							90	(3.2)
RF1321	Micro shackle key. Suits coined head shackle pins up to 6mm (1/4") diam. Screwdriver. Bottle opener, Lanyard included							11	(0.4)